

State Perspective: Using Tracking Data to Inform Public Health Action

St. Paul, MN

September 24, 2013



Minnesota Trivia

Minnesota has more shoreline than:

- a. California
- b. Florida
- c. Hawaii
- d. All above combined

The Mall of America is the size of?

- a. 10 football fields
- b. 56 football fields
- c. 78 football fields
- d. 102 football fields



Minnesota Trivia

Minnesota is home to:

- a. Water skis
- b. Spam
- c. Twister
- d. Honey crisp apples
- e. All of the above



Which “all star” wrestler served as Minnesota’s 38th governor?

- a. Hubert Humphrey
- b. Walter Mondale
- c. Rod Crew
- d. Jessie Ventura

Road Map

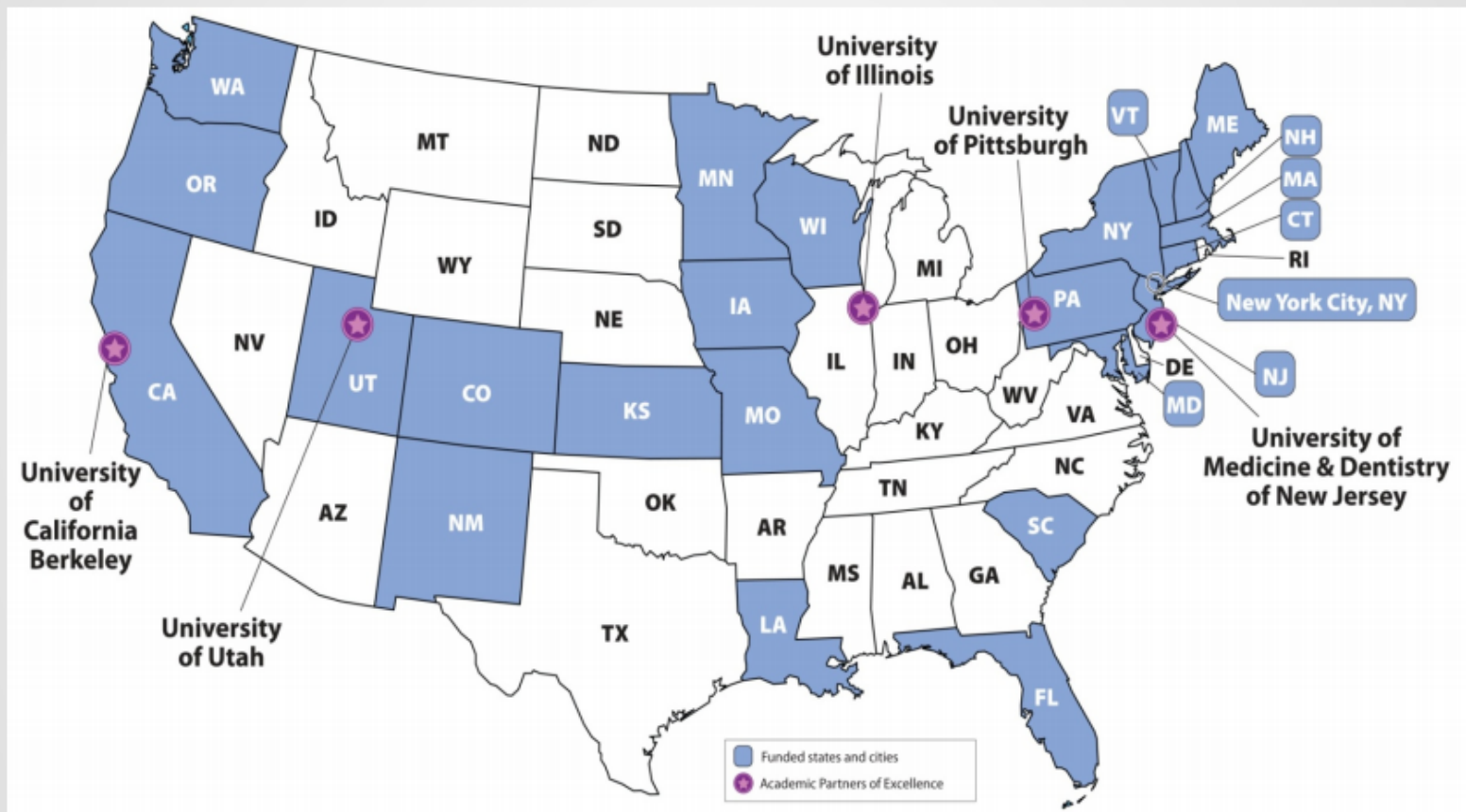
- Tracking Network (Minnesota & CDC)
- Data Access Portal
- Highlights, Challenges & Opportunities

National Tracking Network

- Congress first appropriated funding to the CDC to establish the National Tracking Network (2002)
- The Network was charged to...
 - Provide data that are nationally consistent
 - Make information available through a web-based network (data portals)



Tracking Grantees (2013)



Network includes 23 states, NYC, and 5 academic partners

Pillars of MN Tracking

- Quality Data & Strong Partnerships
- Innovative Technology
- Communications and Outreach
- Data Use Collaborations



Target Audiences

Local Health Departments

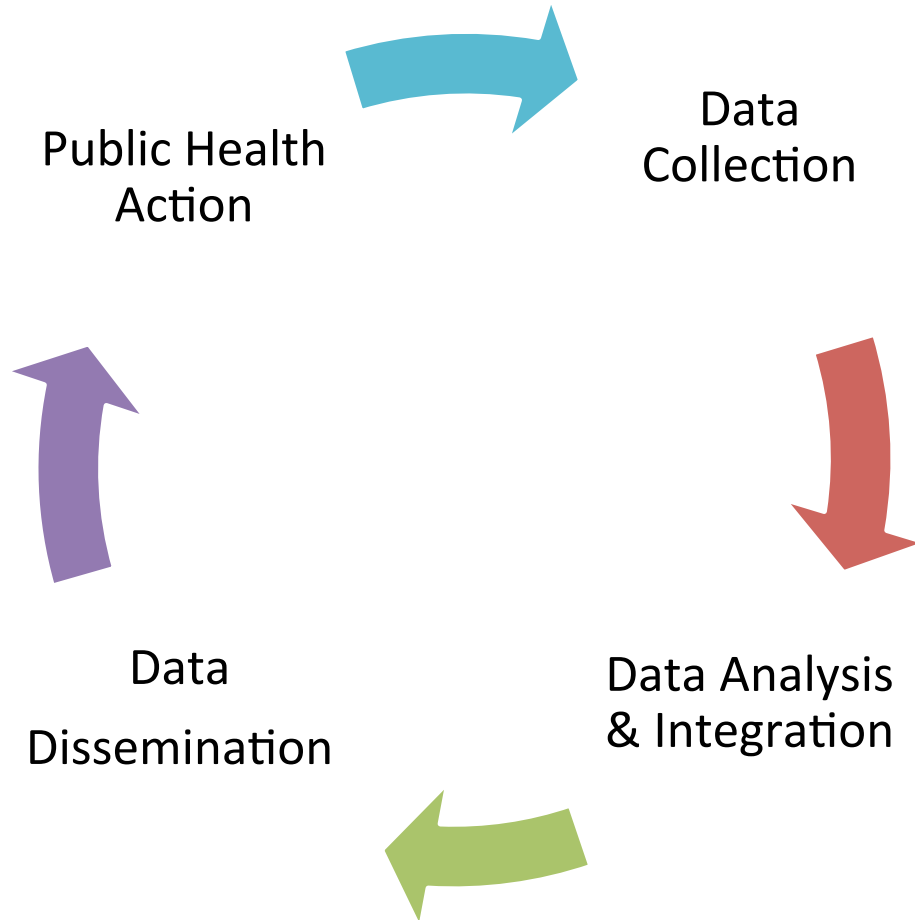
State & Local Agencies

Researchers, Students

Non-Profit Organizations

Public, Policy Makers

Tracking in Action



Tracking = public health surveillance

Minnesota Tracking Data Portal



Minnesota
Department of
Health

Minnesota Public Health Data Access

Search the site

Select a topic below:

Share this Email updates

Topics A-Z

Topics by category

Air Quality

Asthma

Birth Defects

Cancer

Carbon Monoxide Poisoning

Chemicals in People: Biomonitoring

Childhood Immunizations

Childhood Lead Poisoning

Chronic Obstructive Pulmonary Disease

Drinking Water Quality

Environmental Tobacco Smoke

Heart Attacks

Heat-Related Illness

Obesity

TO GET STARTED:

- ➡ Select a topic on the left
- ➡ Check out the informational web pages about each topic
- ➡ Click on the "Query the Data" and "Map the Data" buttons to customize the data

Sign up for email updates

Learn More:

- ▶ How-To Guide
- ▶ FAQs
- ▶ News & Updates
- ▶ Glossary
- ▶ Data Resources
- ▶ Contact Us

Related Sites:

- ▶ Tracking in Action
- ▶ MDH Data & Statistics
- ▶ MN Environmental Public Health Tracking
- ▶ DATA.gov

State and Local Portals



[California >](#)



[Colorado >](#)



[Connecticut >](#)



[Florida >](#)



[Iowa >](#)



[Kansas >](#)



[Louisiana >](#)



[Maine >](#)



[Maryland >](#)



[Massachusetts >](#)



[Minnesota >](#)



[Missouri >](#)



[New Hampshire >](#)



[New Jersey >](#)



[New Mexico >](#)



[New York >](#)



[New York City >](#)



[Oregon >](#)



[Pennsylvania >](#)



[South Carolina >](#)



[Utah >](#)



[Vermont >](#)



[Washington >](#)



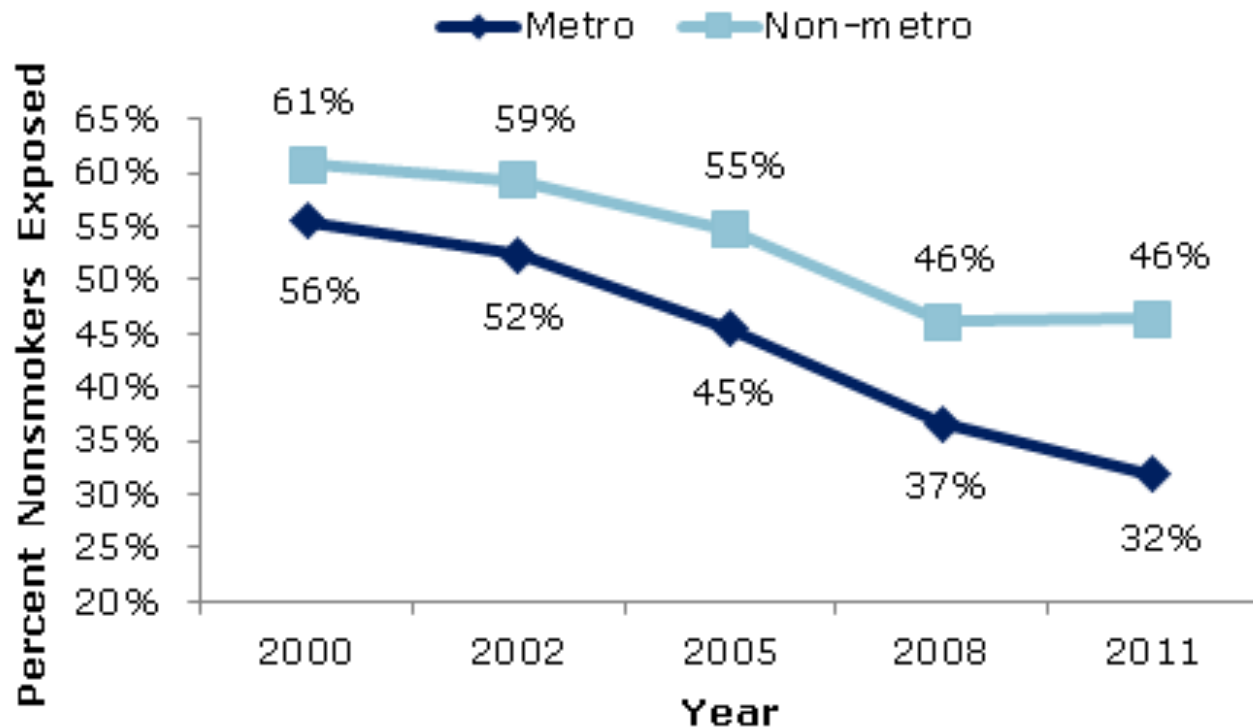
[Wisconsin >](#)

How Do We Add Value?

- Enhance data access
- Add interactivity
- Inform action & policy

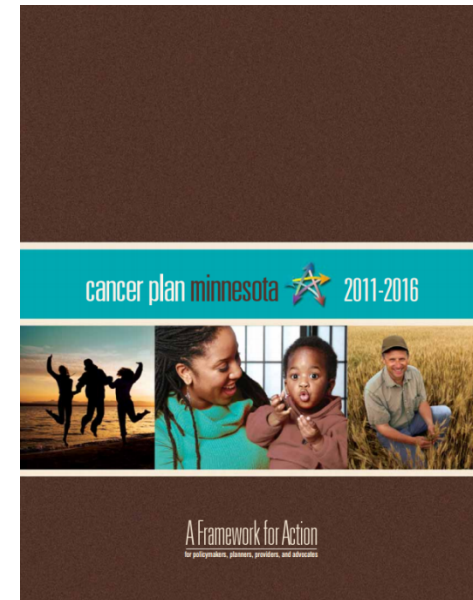
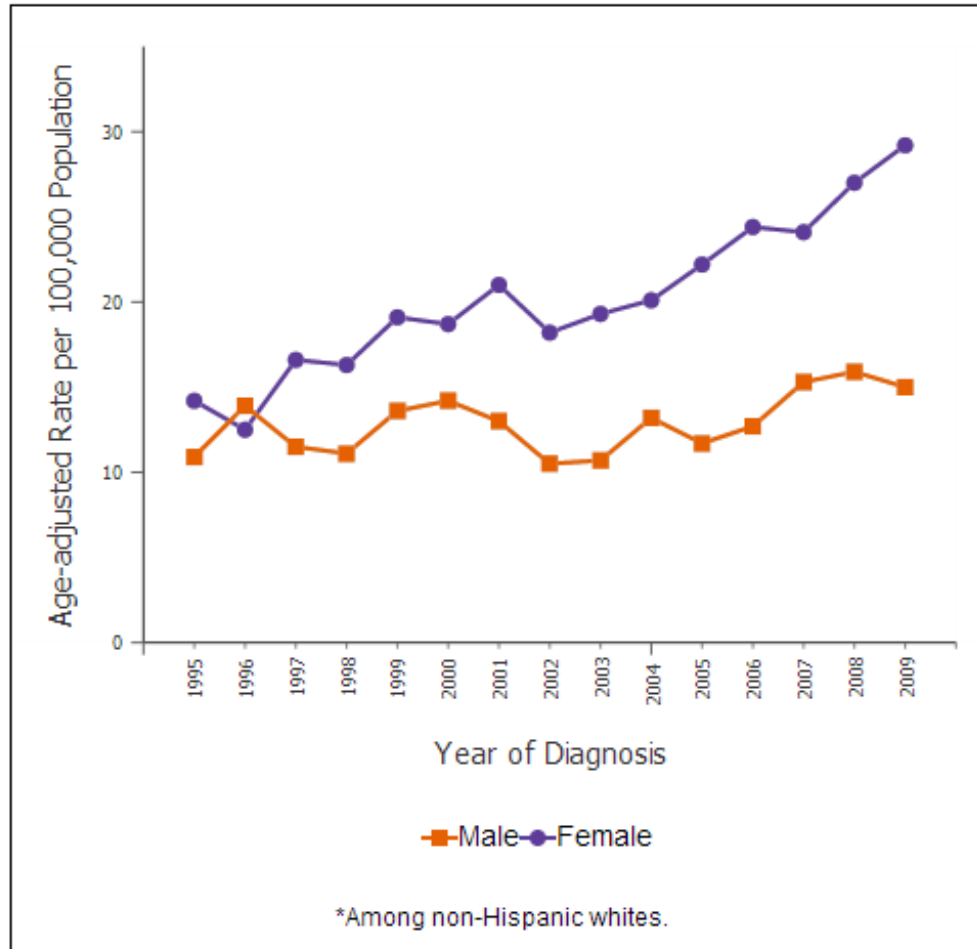
Data to Inform Action

Youth Exposed to Secondhand Smoke by Region, Minnesota



Tracking in Action: Melanoma

Incidence of melanoma (ages 20-49)* in Minnesota by sex



Tracking in Action



Minnesota
Department of
Health

HOME

TOPICS

ABOUT US



Tracking Program

[Tracking Home](#)

[Explore Data](#)

[Tracking in Action!](#)

[Chemicals in People](#)

More from MDH

[MDH Home](#)

[Diseases & Conditions](#)

[Environments & Health](#)

Staff and Contact Info

1-800-205-4987 or
(651) 201-5900
health_tracking@state.mn.us



Tracking in Action: Minnesota

The MN Tracking Program uses data to save lives, protect people, and save money through disease prevention. These success stories show how Minnesotans use Tracking Program data to protect health and prevent disease by making smart decisions based on good data.



[Sign up for email updates](#) for bulletins about new Success Stories.

Featured Success Story

[Melanoma](#): Identifying rising rates of this dangerous skin cancer

More Success Stories

Visit [More Success Stories](#) to read about how the MN Tracking Program has studied secondhand smoke, carbon monoxide poisoning, cancer, worked with communities to improve health - and more!

Tracking Success Across The Country

For more success stories, see the National Tracking Network's [Success Stories](#).

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[Email updates](#)

Spotlight:

[2013 Legislative Report](#)
(PDF: 3.7MB/52 pages)



MN Community Profiles

**Minnesota**
Department of Health

Minnesota Public Health Data Access

Search the site 

Query by County

Minnesota Counties

Choose a county:



Select County

County Profile

Ramsey	County	Comparison	Notes
	Ramsey	Minnesota	
Rates per 100,000 people of:			
Acute myeloid leukemia	3.0	3.0	
All cancer types combined	461.0	474.0	
asthma Emergency department visits	540.0	383.0	
asthma Hospitalizations	93.0	74.0	
Bladder	20.0	22.0	
Brain and other nervous system	6.0	6.0	
Breast (female only)	124.0	128.0	
Carbon Monoxide Poisoning death	3.0	1.0	
Carbon Monoxide Poisoning hospitalization	4.0	1.0	
Colorectal	5.0	5.0	
COPD Hospitalizations	327.0	326.0	Ages 45+
Esophagus	5.0	5.0	
COPD Hospitalizations	327.0	326.0	Ages 45+
Kidney	14.0	15.0	
Larynx	3.0	3.0	
Leukemia	14.0	15.0	
Liver	5.0	4.0	
Lung and bronchus	55.0	56.0	
Melanoma	18.0	23.0	
Mesothelioma	1.0	1.0	
Non-Hodgkin lymphoma	21.0	22.0	
Oral cavity and pharynx	11.0	11.0	
Pancreas	10.0	10.0	

Generate & Download Profile

Highlights: Minnesota

- Climate and health (documentary)
- Children's environmental health, economic burden (asthma, lead, developmental disabilities)
- Asthma ED, hospitalizations (zip code)

Challenges & Opportunities

- Silos
- Spatial resolution; privacy
- Budget & sustainability



Institute on the Environment: Global Landscapes Initiative

 UNIVERSITY OF MINNESOTA
Driven to DiscoverSM

myU > One Stop >

Search U of M Web sites Search

INSTITUTE ON THE ENVIRONMENT

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Global Landscapes Initiative

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EarthStat



GLI and LUGE launch EarthStat

The Global Landscapes Initiative (GLI), a program at the INSTITUTE ON THE ENVIRONMENT is developing and applying tools needed to characterize global land use, understand land use changes, assess trends in global agricultural supply and demand, improve our ability to balance human needs with environmental stewardship, and promote secure landscapes across the globe.

ABOUT GLI



WHO WE ARE



PUBLICATIONS



RESOURCES



Terra Populus



TERRA POPULUS
Integrated Data on Population and Environment

HOME

OVERVIEW

DATA

PARTNERS

PEOPLE

CONTACT



Project Information

- ▶ Overview
- ▶ Data
 - Population Data
 - Environmental Data
 - Data Integration
- ▶ Partners
- ▶ People
 - Scientific Leadership
 - Executive Committee
 - Advisory Board
- ▶ Research Examples
- ▶ Presentations

Terra Populus: Integrated Data on Population and Environment

Terra Populus will integrate the world's population and environmental data, including

- Population censuses and surveys
- Land cover information from remote sensing
- Climate records from weather stations
- Land use records from statistical agencies

Data that are interoperable across time, space, and scientific domain will allow us to understand the dramatic transformation of the earth's inhabitants and their environment. TerraPop is developing this infrastructure to make it easier for researchers to use data describing people along with data describing the places they inhabit.

Web site: <http://www.terrapop.org/>

National Tracking Network

CDC Home



Centers for Disease Control and Prevention
CDC 24/7: Saving Lives. Protecting People.™

Tracking A-Z Index [A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#) <#>

Glossary A-Z

CDC A-Z

Tracking A-Z

National Environmental Public Health Tracking Network

Community Design: Access to Parks

[Click to learn more >>>](#)



The National Environmental Public Health Tracking Network (Tracking Network) is a system of integrated health, exposure, and hazard information and data from a variety of national, state, and city sources.

On the Tracking Network, you can view maps, tables, and charts with data about:

- chemicals and other substances found in the environment
- some chronic diseases and conditions
- the area where you live

[Learn more about the Tracking Network](#)

[Explore Tracking Data](#)

Environments



- Climate Change
- Outdoor Air **NEW**
- Water
- More

Health Effects



- Asthma
- Cancer
- Childhood Lead Poisoning
- More Health Conditions

Population Health



- Population Characteristics
- Biomonitoring: Population Exposures
- Children's Environmental Health
- More

Info by Location



Select State:

Select

GO

Quick Links

- [Home](#)
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- [State & Local Tracking Networks](#)
- [Success Stories](#)
- [Indicators & Data](#)
- [Print page](#)
- [Bookmark and share](#)
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- [CDC on Twitter](#)

Tracking Hot Topics

[Infant Mortality: What is CDC Doing?](#)

[Download the Extreme Heat: Prevent Heat-Related Illness Widget](#)

[Tips for Preventing Heat-Related Illness](#)

[Stay Healthy and Safe in Hot Weather PSA](#)

[Recognizing, Preventing, and Treating Heat-Related Illness Online Training](#)

[View our Tracking Success Stories to learn how Tracking is making a difference across the U.S.](#)

Resources

- [Communication Tools](#)
- [Training](#)

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<http://ephtracking.cdc.gov/showHome.action>

Keep Informed

- Email updates (subscribe)



- Web Sites

- Minnesota
 - Program: <http://www.health.state.mn.us/tracking>
 - Portal: <https://apps.health.state.mn.us/mndata/>
- National: <http://ephtracking.cdc.gov/showHome.action>

- Chuck Stroebel, MN Tracking Program,
chuck.stroebel@state.mn.us, 651-201-5662

